01481000 BRANDYWINE CREEK AT CHADDS FORD, PA (Pennsylvania Water-Quality Network Station)

LOCATION.--Lat 39°52'11", long 75°35'37", Delaware County, Hydrologic Unit 02040205, on left bank 27 ft upstream from Penn Central Railroad bridge at Chadds Ford, 150 ft upstream from Harvey Run, and 1,200 ft downstream from highway bridge on U.S. Highway 1.

DRAINAGE AREA.--287 mi².

WATER-DISCHARGE RECORDS

PERIOD OF RECORD.--August 1911 to September 1953, October 1962 to current year. Prior to October 1911, monthly discharge only, published in WSP 1302.

REVISED RECORDS.--WSP 756: Drainage area. WSP 1202: 1917-18(M), 1919-20, 1922-31(M), 1932-33, 1934(M), 1936, 1938(P), 1939(M), 1942, 1944-46(M), WDR PA-98-1: 1996-97 (M).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 150.45 ft above National Geodetic Vertical Datum of 1929. Prior to May 21, 1927, nonrecording gage at same site and datum.

REMARKS.—Records good except those for estimated daily discharges, which are fair. Flow regulated since November 1973 by Marsh Creek Reservoir (station 01480684) about 17 mi upstream. Satellite and landline telemetry at station.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Aug. 19, 1955, reached a stage of 14.64 ft, gage datum, discharge, about 16,400 ft³/s.

			ывени	KGE, CCDIC	LETTERS		EAN VALUE		002 10 BEI 1	LIVIDER 200	5	
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	62	277	195	1040	313	521	569	410	978	576	278	237
2	56	203	178	1830	338	1190	535	409	621	551	338	631
3	53	178	172	1020	323	2090	551	350	425	683	452	456
3 4	88	163	200	1330	391	942	531	325	2760	577	1030	932
5	68	157	235	823	428	1130	529	331	2140	532	736	776
6	58	257	271	746	309	3200	516	363	1090	534	646	380
7	50	221	e210	680	333	1680	507	347	1280	542	387	283
8	48	169	e210	650	312	1170	549	449	1560	580	437	253
9	45	156	236	758	289	2030	634	394	968	485	596	233
10	62	148	210	643	312	1720	674	394	842	466	3660	219
11	1210	159	782	554	289	927	1230	366	723	492	1040	208
12	939	297	2080	495	e260	820	1130	344	592	454	812	202
13	260	684	1020	478	e240	1110	749	330	702	478	547	416
14	169	331	2060	464	e220	1150	614	315	1210	407	505	758
15	137	270	1130	453	e230	906	568	302	981	397	444	8540
16	408	339	700	411	e210	892	550	304	689	378	381	3850
17	712	1650	558	e390	e220	1060	518	348	575	357	422	1430
18	229	1290	475	e365	e240	822	522	323	847	344	356	1220
19	166	536	445	e380	e250	688	514	311	641	352	331	2760
20	148	456	1100	e390	e350	1070	436	295	2910	334	306	1120
21	139	390	1060	e340	459	2880	423	317	10300	324	293	759
22	130	359	589	e300	2520	1230	464	333	2670	327	276	704
23	119	365	510	e270	5770	962	428	313	1720	418	261	3310
24	114	336	462	e275	2890	834	400	372	1450	394	235	1820
25	118	306	1060	e280	1420	740	388	377	1250	334	221	1050
26	312	288	1140	e290	964	673	515	2020	1060	308	240	902
27	217	345	714	e270	665	733	517	1030	796	299	271	855
28	153	322	598	e250	570	617	474	619	711	294	220	1300
29	142	217	551	e270		618	445	514	659	285	209	867
30	379	203	522	289		767	431	403	621	270	526	644
31	627	203	520	285		764	431	366		275	464	
TOTAL	7418	11072	20193	17019	21115	35936	16911	13674	43771	13047	16920	37115
MEAN	239	369	651	549	754	1159	564	441	1459	421	546	1237
MAX	1210	1650	2080	1830	5770	3200	1230	2020	10300	683	3660	8540
	45	148	2080 172	250		521	388	2020	425	270	209	202
1*1 T 1A	40	T-4-0	1/2	200	Z1U	277	200	223	442	2/U	209	202

e Estimated.

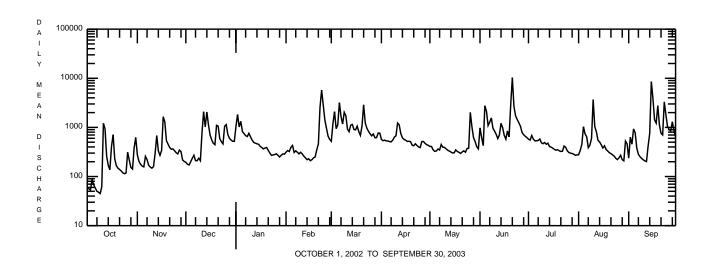
01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

STATISTICS OF MONTHLY MEA	N DATA FOR WATER	YEARS 1974	- 2003, BY WATER	YEAR (WY)	(SINCE REGULATION	Ī)
OCT NOV	DEC JAN	FEB	MAR APR	MAY	JUN JUL	AUG SEP
MEAN 265 317 MAX 924 751 (WY) 1997 1997 MIN 99.5 105 (WY) 2002 2002	460 530 1634 1664 1997 1979 112 106 1999 1981	539 1308 1979 144 2002	673 613 1713 1509 1994 1983 195 183 1981 2002	509 1097 1989 249 1999	412 326 1459 1153 2003 1975 153 88.8 1999 2002	239 301 562 1237 1996 2003 64.0 80.2 2002 2002
SUMMARY STATISTICS	FOR 2002 CAL	ENDAR YEAR	FOR 2003 W	ATER YEAR	WATER YEARS	3 1974 - 2003
ANNUAL TOTAL ANNUAL MEAN HIGHEST ANNUAL MEAN	84207 231		254191 696		432 714	1984
LOWEST ANNUAL MEAN HIGHEST DAILY MEAN LOWEST DAILY MEAN	2080	Dec 12 Aug 22	10300 45	Jun 21 Oct 9	152 10600 33	2002 Jan 26 1978 Aug 22 2002
ANNUAL SEVEN-DAY MINIMUM MAXIMUM PEAK FLOW MAXIMUM PEAK STAGE	36	Aug 17	59 a 16700 13.74	Oct 3 Sep 15 4 Sep 15	36 a 26900 17.15	Aug 17 2002 Sep 17 1999 Sep 17 1999
INSTANTANEOUS LOW FLOW 10 PERCENT EXCEEDS 50 PERCENT EXCEEDS 90 PERCENT EXCEEDS	484 156 53		42 1230 454 209	Oct 9	8.4 815 293 123	Sep 13 1980

STAT	TISTICS	OF	MONTHLY	MEAN	DATA	FOR	WATER	YEARS	1911-1	953,	1963-1973,	BY	WATER	YEAR (WY)	(PRIO	R TO	REGU	LATIO	1)
	00	T	NOV		DEC		JAN	FEI	3	MAR	APR	MZ	ΑY	JUN		JUL	1	AUG	SEI	٥
MEAN	J 21	9	301		348		444	570)	605	530	43	35	364		309	:	278	230)
MAX	66	6	625		827	1	1020	1130) 1	366	1043	94	16	1144		802	10	089	1050)
(WY)	197	2	1972		1973	1	1936	1971	L 1	920	1973	195	52	1972	1	919	19	933	1971	L
MIN	67.	7	98.3		114		145	214	1	247	226	17	75	149	9	1.1	8.	2.1	59.4	1
(WY)	196	4	1942		1966	1	1966	1934	1 1	931	1963	192	26	1963	1	963	19	930	1932	2

SUMMARY STATISTICS	WATER YEARS	1911-1953 1963-1973
	205	
ANNUAL MEAN	385	
HIGHEST ANNUAL MEAN	625	1928
LOWEST ANNUAL MEAN	218	1932
HIGHEST DAILY MEAN	9590	Aug 24 1933
LOWEST DAILY MEAN	42	Sep 12 1966
ANNUAL SEVEN-DAY MINIMUM	45	Sep 7 1966
MAXIMUM PEAK FLOW	b 23800	Jun 22 1972
MAXIMUM PEAK STAGE	16.56	Jun 22 1972
INSTANTANEOUS LOW FLOW	4.9	Oct 2 1942
ANNUAL RUNOFF (CFSM)	1.34	
ANNUAL RUNOFF (INCHES)	18.23	
10 PERCENT EXCEEDS	700	
50 PERCENT EXCEEDS	274	
90 PERCENT EXCEEDS	118	

- a From rating curve extended above 13,200 ft 3 /s on basis of area-velocity study at gage height 16.56 ft. b From rating curve extended above 9,000 ft 3 /s on basis of area-velocity study.



01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued (Pennsylvania Water-Quality Network Station)

WATER-QUALITY RECORDS

PERIOD OF RECORD.--Water years 1963 to current year.

PERIOD OF DAILY RECORD .--

SPECIFIC CONDUCTANCE: October 1965 to current year.

pH: October 1965 to September 1966, December 1971 to current year.

WATER TEMPERATURES: October 1964 to current year.

DISSOLVED OXYGEN: October 1971 to current year.
SUSPENDED-SEDIMENT DISCHARGE: October 1963 to September 1978.

INSTRUMENTATION.--Water-quality monitor since August 1971.

REMARKS.--Specific conductance record rated good except for period May 1-21, which is fair. pH record rated good. Water temperature record rated fair. Dissolved oxygen record rated fair, except for periods Nov. 12 to Dec. 3, and May 1-7, which are poor. Data collection discontinued during winter months since 1981 water year. Other interruptions in the record were due to malfunctions of the equipment.

EXTREMES FOR PERIOD OF DAILY RECORD.—
SPECIFIC CONDUCTANCE: Maximum, 689 microsiemens, Mar. 6, 2001; minimum, 42 microsiemens, Nov. 26, 1979.
pH: Maximum, 9.8, Apr. 9, 1975; minimum, 6.1, Feb. 22, 1976.
WATER TEMPERATURE: Maximum, 31.0°C, July 4, 2002; minimum, 0.0°C, many days during winters.
DISSOLVED OXYGEN: Maximum, 17.1 mg/L, Dec. 5, 1976; minimum, 3.0 mg/L, June 21, 1984.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Instan- taneous dis- charge, cfs (00061)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	col/ 100 mL
MAR 2003									
10	1545	1028	1028	1210	13.0	7.5	201	3.8	450
20	1530	1028	1028	776	11.6	7.8	263	7.5	105
APR									
07	1600	1028	1028	567	12.7	8.2	272	7.9	115 37
21 MAY	1355	1028	1028	420	12.8	8.6	277	13.8	3 /
01	1430	1028	1028	406	11.5	8.2	275	16.8	49
12	1500	1028	1028	311	9.4	7.6	295	17.2	145
21	1245	1028	1028	314	8.7	7.3	309	16.1	380
JUN									
05	1140	1028	1028	2050	9.4	7.4	196	14.3	3800
12	1450	1028	1028	578	8.2	7.6	263	19.7	350
JUL									
08	1340	1028	1028	547	9.5	7.6	270	23.1	350
16 AUG	1250	1028	1028	380	8.8	7.5	284	22.0	277
06	1510	1028	1028	492	8.0	7.3	228	23.1	2800
27	1620	1028	1028	249	11.8	8.5	289	22.9	820
SEP	1020	1020	1020	217	11.0	0.5	200	22.7	020
09	1520	1028	1028	229	10.0	7.7	304	20.7	210
22	1610	1028	1028	687	8.9	7.3	261	19.2	260

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued (Pennsylvania Water-Quality Network Station)

PERIOD OF RECORD.--April 2002 to current year.

REMARKS.--Other data for the Water-Quality Network can be found on pages 430-470.

COOPERATION.—Samples were collected as part of the Pennsylvania Department of Environmental Protection Water-Quality Network (WQN) with cooperation from the Pennsylvania Department of Environmental Protection.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Instan- taneous dis- charge, cfs (00061)	Sam- pling method, code (82398)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)	Hard- ness, water, unfltrd mg/L as CaCO3 (00900)	Calcium water unfltrd recover -able, mg/L (00916)	Magnes- ium, water, unfltrd recover -able, mg/L (00927)	ANC, wat unf fixed end pt, lab, mg/L as CaCO3 (00417)
NOV 2002 13 JAN 2003	1410	1028	9813	681	40	10.1	7.5	243	11.4	91	22.4	8.5	56
13	0830	1028	9813	481	40	13.9	7.5	295	.5	94	22.8	8.9	54
MAR 17	1230	1028	9813	1110	40	11.6	7.4	252	9.6	77	18.9	7.1	43
MAY 20	1130	1028	9813	292	40	10.7	7.6	294	16.1	110	25.6	10.0	59
JUL 10	1240	1028	9813	467	40	8.7	7.5	270	20.9	100	23.6	10.0	55
SEP 08	1340	1028	9813	250	40	10.4	7.9	289	19.7	110	25.4	10.7	68
		Residue on evap.	Residue total at 105	Ammonia	Nitrate	Nitrite	Ortho- phos- phate,	p)	Total nitro-	Organic	Alum- inum, water,	Copper,	Iron, water,
Date	Sulfate water, fltrd, mg/L (00945)	at 105degC wat flt mg/L (00515)	deg. C, sus- pended, mg/L (00530)	water, unfltrd mg/L as N (00610)	water unfltrd mg/L as N (00620)	water, unfltrd mg/L as N (00615)	water, unfltrd mg/L as P (70507)	Phos- phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd mg/L (00600)	carbon, water, unfltrd mg/L (00680)	unfltrd recover -able, µg/L (01105)	unfltrd recover -able, µg/L (01042)	unfltrd recover -able, µg/L (01045)
NOV 2002 13	water, fltrd, mg/L	at 105degC wat flt mg/L	deg. C, sus- pended, mg/L	water, unfltrd mg/L as N	water unfltrd mg/L as N	water, unfltrd mg/L as N	water, unfltrd mg/L as P	phorus, water, unfltrd mg/L	gen, water, unfltrd mg/L	carbon, water, unfltrd mg/L	unfltrd recover -able, µg/L	unfltrd recover -able, µg/L	unfltrd recover -able, µg/L
NOV 2002 13 JAN 2003 13	water, fltrd, mg/L (00945)	at 105degC wat flt mg/L (00515)	deg. C, sus- pended, mg/L (00530)	water, unfltrd mg/L as N (00610)	water unfltrd mg/L as N (00620)	water, unfltrd mg/L as N (00615)	water, unfltrd mg/L as P (70507)	phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd mg/L (00600)	carbon, water, unfltrd mg/L (00680)	unfltrd recover -able, µg/L (01105)	unfltrd recover -able, µg/L (01042)	unfltrd recover -able, µg/L (01045)
NOV 2002 13 JAN 2003 13 MAR 17	water, fltrd, mg/L (00945)	at 105degC wat flt mg/L (00515)	deg. C, sus- pended, mg/L (00530)	water, unfltrd mg/L as N (00610)	water unfltrd mg/L as N (00620)	water, unfltrd mg/L as N (00615)	water, unfltrd mg/L as P (70507)	phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd mg/L (00600)	carbon, water, unfltrd mg/L (00680)	unfltrd recover -able, µg/L (01105)	unfltrd recover -able, µg/L (01042)	unfltrd recover -able, µg/L (01045)
NOV 2002 13 JAN 2003 13 MAR 17 MAY 20	water, fltrd, mg/L (00945) 22.5 21.9	at 105degC wat flt mg/L (00515) 190	deg. C, sus- pended, mg/L (00530)	water, unfltrd mg/L as N (00610) .090	water unfltrd mg/L as N (00620) 2.24 3.27	water, unfltrd mg/L as N (00615) .020	water, unfltrd mg/L as P (70507)	phorus, water, unfltrd mg/L (00665)	gen, water, unfltrd mg/L (00600) 3.3	carbon, water, unfltrd mg/L (00680)	unfltrd recover -able, µg/L (01105) 600	unfltrd recover -able, µg/L (01042) <4 <4	unfltrd recover -able, µg/L (01045) 1410 210
NOV 2002 13 JAN 2003 13 MAR 17	water, fltrd, mg/L (00945) 22.5 21.9 17.1	at 105degC wat flt mg/L (00515) 190 190	deg. C, sus- pended, mg/L (00530)	water, unfltrd mg/L as N (00610) .090 <.020	water unfltrd mg/L as N (00620) 2.24 3.27 2.24	water, unfltrd mg/L as N (00615) .020 <.010 <.040	water, unfltrd mg/L as P (70507)	phorus, water, unfltrd mg/L (00665) .194 .096	gen, water, unfltrd mg/L (00600) 3.3 3.7 2.6	carbon, water, unfltrd (00680) 6.1 2.8 3.5	unfltrd recover -able, µg/L (01105) 600 80 300	unfltrd recover -able, µg/L (01042) <4 <4	unfltrd recover -able, µg/L (01045) 1410 210 430

		Mangan-		
			Nickel, water,	
Date	unfltrd recover -able, µg/L	unfltrd recover -able, µg/L	unfltrd recover -able, µg/L (01067)	unfltrd recover -able, µg/L
NOV 2002 13 JAN 2003	2.8	90	<4.0	20
13 MAR	<1.0	40	<4.0	10
17	1.0	40	<50	10
20 JUL	<1.0	60	<50	20
	1.1	40	<50	20
	<1.0	40	<50	130

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

BIOLOGICAL DATA BENTHIC MACROINVERTEBRATES

 $\label{eq:REMARKS} \textbf{REMARKS}. \textbf{--} Samples were collected using rapid bioassessment protocols for benthic macroinvertebrates using a D-Frame net with a mesh size of 500 μm. Samples represent counts per 100 (approximate) subsamples.$

Date	8/28/02
Benthic Macroinvertebrate	Count
Platyhelminthes	
Turbellaria (FLATWORMS)	
Tricladida	
Planariidae	2
Mollusca	_
Gastropoda (SNAILS)	
Basommatophora	
Physidae	
Physa sp	2
Bivalvia (CLAMS)	2
Veneroida	
Corbiculidae	
	1
Corbicula fluminea	Τ.
Arthropoda	
Crustacea	
Amphipoda (SCUDS)	
Gammaridae	
<u>Gammarus</u> sp	3
Insecta	
Ephemeroptera (MAYFLIES)	
Baetidae	
<u>Acentrella</u> sp	8
<u>Baetis</u> sp	6
Ephemerellidae	
<u>Serratella</u> sp	11
Heptageniidae	6
<u>Stenonema</u> sp	11
Isonychiidae	
<u>Isonychia</u> sp	1
Tricorythidae	
<u>Tricorythodes</u> sp	4
Odonata	
Coenagrionidae (DAMSELFLIES)	
<u>Argia</u> sp	4
Trichoptera (CADDISFLIES)	
Hydropsychidae	
<u>Cheumatopsyche</u> sp	27
<u>Hydropsyche</u> sp	2
Philopotamidae	
<u>Chimarra</u> sp	10
Coleoptera (BEETLES)	
Elmidae (RIFFLE BEETLES)	
Optioservus sp	48
Oulimnius sp	1
Stenelmis sp	22
Diptera (TRUE FLIES)	22
Chironomidae (MIDGES)	12
Simuliidae (BLACK FLIES)	12
	2
<u>Simulium</u> sp	3

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBE	R		DECEMBE	R		JANUARY	
1 2	353 375	312	332	282	257	271 297	337	311	324			
3	384	352 333	365 362	308 328	282 308	318	345	331	335			
4	392	351	372	338	326	331						
5	410	371	384	343	336	339						
6	405	383	389	339	320	327						
7	400	374	382	320	293	305						
8 9	383	368	377	314	295	303						
10	391 391	378 357	384 379	322 326	304 316	315 322						
11 12	404 250	189 189	320 222	333 338	325 309	328 329						
13	298	250	276	325	249	272						
14	338	298	312	288	256	279						
15	339	323	330	304	288	298						
16	343	248	326	309	285	303						
17	276	212	237	285	199	217						
18	294	260	274	217	208	211						
19 20	317 337	294 316	308 325	272 281	217 272	250 277						
21	350	337	344	294	281	287						
22 23	354 370	346 354	349 356	304 307	292 295	295 302						
24	360	356	357	312	295	302						
25	362	358	360	306	297	302						
26	362	290	336	310	302	306						
27	311	287	295	310	299	303						
28	326	292	309	335	310	326						
29	345	326	334	333	319	323						
30 31	349 291	286 246	321 262	324	310	318						
31	231	240	202									
MONTH	410	189	332	343	199	299	345	311	330			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN FEBRUAR			MIN MARCH			MIN APRIL			MAY	
1		FEBRUAR	Y 	429	MARCH 312	380	272	APRIL 255	266	275	MAY 270	273
1 2		FEBRUAR	Y	429 370	MARCH 312 312	380 338	272 273	APRIL 255 269	266 272	275 276	MAY 270 267	273 271
1 2 3 4		FEBRUAR	 	429	MARCH 312	380	272 273 276 274	APRIL 255	266	275	MAY 270 267 266 274	273 271 271 278
1 2 3		FEBRUAR	 	429 370 312	MARCH 312 312 233	380 338 245	272 273 276	APRIL 255 269 266	266 272 269	275 276 278	MAY 270 267 266	273 271 271
1 2 3 4 5		FEBRUAR	 	429 370 312 269 285	312 312 233 242 268	380 338 245 257 275	272 273 276 274 274	255 269 266 267 271	266 272 269 271 273	275 276 278 281 276	270 267 266 274 273	273 271 271 278 275
1 2 3 4 5		FEBRUAR	Y	429 370 312 269 285 280 258	MARCH 312 312 233 242 268 194 241	380 338 245 257 275 215 249	272 273 276 274 274 273 273	255 269 266 267 271 267 269	266 272 269 271 273 271	275 276 278 281 276	MAY 270 267 266 274 273 268 263	273 271 271 278 275 273 269
1 2 3 4 5	==== ==== ====	FEBRUAR	Y	429 370 312 269 285 280 258 267	MARCH 312 312 233 242 268 194 241 252	380 338 245 257 275 215 249 261	272 273 276 274 274 273 273 309	255 269 266 267 271 267 269 270	266 272 269 271 273 271 271 292	275 276 278 281 276 278 277 282	270 267 266 274 273 268 263 265	273 271 271 278 275 273 269 272
1 2 3 4 5 6 7 8 9		FEBRUAR	Y	429 370 312 269 285 280 258 267 257	312 312 233 242 268 194 241 252 183	380 338 245 257 275 215 249 261 232	272 273 276 274 274 273 273 309 297	255 269 266 267 271 267 269 270 282	266 272 269 271 273 271 271 292 287	275 276 278 281 276 278 277 282 272	270 267 266 274 273 268 263 265 267	273 271 271 278 275 273 269 272 270
1 2 3 4 5 6 7 8 9		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224	312 312 233 242 268 194 241 252 183	380 338 245 257 275 215 249 261 232 197	272 273 276 274 274 273 273 309 297 284	255 269 266 267 271 267 269 270 282 267	266 272 269 271 273 271 271 292 287 274	275 276 278 281 276 278 277 282 272	270 267 266 274 273 268 263 265 267 263	273 271 271 278 275 273 269 272 270 270
1 2 3 4 5 6 7 8 9 10		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224	312 312 233 242 268 194 241 252 183 180	380 338 245 257 275 215 249 261 232 197	272 273 276 274 274 273 273 309 297 284	255 269 266 267 271 267 269 270 282 267 217	266 272 269 271 273 271 271 271 292 287 274	275 276 278 281 276 278 277 282 272 272	270 267 266 274 273 268 263 265 267 263	273 271 271 278 275 273 269 272 270 270
1 2 3 4 5 6 7 8 9 10	 	FEBRUAR	 	429 370 312 269 285 280 258 267 257 224	312 312 233 242 268 194 241 252 183 180	380 338 245 257 275 215 249 261 232 197	272 273 276 274 274 273 273 309 297 284	255 269 266 267 271 267 269 270 282 267	266 272 269 271 273 271 271 292 287 274	275 276 278 281 276 278 277 282 272 272 271 286	270 267 266 274 273 268 263 265 267 263	273 271 271 278 275 273 269 272 270 270
1 2 3 4 5 6 7 8 9 10		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224	312 312 233 242 268 194 241 252 183 180	380 338 245 257 275 215 249 261 232 197	272 273 276 274 274 273 273 309 297 284	255 269 266 267 271 267 269 270 282 267 217	266 272 269 271 273 271 271 271 292 287 274	275 276 278 281 276 278 277 282 272 272	270 267 266 274 273 268 263 265 267 263	273 271 271 278 275 273 269 272 270 270
1 2 3 4 5 6 7 8 9 10		FEBRUAR	 	429 370 312 269 285 280 258 267 257 224 250 258 258	312 312 233 242 268 194 241 252 183 180 224 250 239	380 338 245 257 275 215 249 261 232 197 240 255 247	272 273 276 274 274 273 273 309 297 284 272 248 259	255 269 266 267 271 267 269 270 282 267 217 217 247	266 272 269 271 273 271 271 292 287 274 253 236 253	275 276 278 281 276 278 277 282 272 272 272 271 286 282	MAY 270 267 266 274 273 268 263 265 267 263 264 269 275	273 271 271 278 275 273 269 272 270 270 269 274 279
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUAR	 	429 370 312 269 285 280 258 267 257 224 250 258 258 245 	312 312 233 242 268 194 241 252 183 180 224 250 239 233	380 338 245 257 275 215 249 261 232 197 240 255 247 239	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263	255 269 266 267 271 267 269 270 282 267 217 217 247 252 241	266 272 269 271 273 271 271 292 287 274 253 236 253 259 254	275 276 278 281 276 277 282 277 282 272 272 272 271 286 282 279 276	270 267 266 274 273 268 263 265 267 263 264 269 275 272	273 271 271 278 275 273 269 272 270 270 270 279 274 279 276 272
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233	380 338 245 257 275 215 249 261 232 197 240 255 247 239	272 273 276 274 274 273 273 273 297 284 272 248 259 264	255 269 266 267 271 267 269 270 282 267 217 217 217 247 252	266 272 269 271 273 271 271 271 292 287 274 253 236 253 259	275 276 278 281 276 277 282 272 272 271 286 282 279	270 267 266 274 273 268 263 265 267 263 264 269 275 272	273 271 271 278 275 273 269 272 270 270 269 274 279 276
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 	312 312 233 242 268 194 241 252 183 180 224 250 239 233 	380 338 245 257 275 215 249 261 232 197 240 255 247 239 	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263	255 269 266 267 271 267 269 270 282 267 217 217 247 252 241 244 273 283	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285	275 276 278 281 276 278 277 282 277 282 272 272 272 271 286 282 279 276	270 267 266 274 273 268 263 265 267 263 265 275 275 272 272 272	273 271 271 278 275 273 269 272 270 270 269 274 279 276 272 274 279 274 279 274 279 274 279 274 279 274 279
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 260 254 258 261	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 2500 252	380 338 245 257 275 215 249 261 232 197 240 255 247 239 	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263	255 269 266 267 271 267 269 270 282 267 217 217 217 252 241 244 273 283 248	266 272 269 271 273 271 271 271 292 287 274 253 236 253 259 254 276 282 285 279	275 276 278 281 276 278 277 282 272 272 272 271 286 282 279 276 283 288 304	270 267 266 274 273 268 263 265 267 263 264 269 275 272 269	273 271 271 278 275 273 269 272 270 270 270 274 279 276 272 277 279 274 279 283 294
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 	312 312 233 242 268 194 241 252 183 180 224 250 239 233 	380 338 245 257 275 215 249 261 232 197 240 255 247 239 	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263	255 269 266 267 271 267 269 270 282 267 217 217 247 252 241 244 273 283	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285	275 276 278 281 276 278 277 282 277 282 272 272 272 271 286 282 279 276	270 267 266 274 273 268 263 265 267 263 265 275 275 272 272 272	273 271 271 278 275 273 269 272 270 270 269 274 279 276 272 274 279 274 279 274 279 274 279 274 279 274 279
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21		FEBRUAR	Y	429 370 312 269 285 280 258 267 224 250 258 245 260 254 258 261 	312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263 283 287 289 292 283	255 269 266 267 271 267 270 282 267 217 217 217 247 252 241 244 273 283 248 232	266 272 269 271 273 271 271 271 292 287 274 253 236 253 259 254 276 282 285 279 259	275 276 278 281 276 277 282 272 272 271 286 282 279 276 283 288 304 309	270 266 274 273 268 263 265 267 263 264 269 275 272 269 272 277 286 286	273 271 271 278 275 273 269 270 270 270 274 279 274 279 276 272 274 279 283 294 301
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 260 254 258 261 	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 226	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 287 289 292 283	255 269 266 267 271 267 269 270 282 267 217 217 247 247 247 252 241 244 273 283 248 232	266 272 269 271 273 271 271 292 287 274 253 236 253 259 254 276 282 285 279 259	275 276 278 281 276 277 282 272 272 272 271 286 282 279 276 276 283 288 304 309	270 267 266 274 273 268 263 265 267 263 264 269 275 272 269 272 277 286 300 301	273 271 271 278 275 273 269 272 270 270 279 274 279 276 272 274 279 283 294 301
1 2 3 4 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 260 254 258 261 	312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263 283 287 289 292 283	255 269 266 267 271 267 269 270 282 267 217 217 247 2241 244 273 283 248 232	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285 279 259 274 274 274	275 276 278 281 276 278 277 282 272 272 271 286 282 279 276 276 283 288 304 309	270 267 266 274 273 268 263 265 267 263 265 275 275 272 269 277 286 286 300 301 301	273 271 271 278 275 273 269 272 270 270 269 274 279 274 279 276 272 274 279 283 294 301 307 305 318
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 260 254 258 261 	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 226	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 287 289 292 283	255 269 266 267 271 267 269 270 282 267 217 217 247 247 247 252 241 244 273 283 248 232	266 272 269 271 273 271 271 292 287 274 253 236 253 259 254 276 282 285 279 259	275 276 278 281 276 277 282 272 272 272 271 286 282 279 276 276 283 288 304 309	270 267 266 274 273 268 263 265 267 263 264 269 275 272 269 272 277 286 300 301	273 271 271 278 275 273 269 272 270 270 279 274 279 276 272 274 279 283 294 301
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 258 245 260 254 258 261 241 248 253 259	312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 2 226 241 248 251	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 257 238 246 251 255	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263 283 287 289 292 283 282 276 277 283 285	255 269 266 267 271 267 269 270 282 267 217 217 247 252 241 244 273 283 248 232 267 272 271 273 278	266 272 269 271 273 271 271 292 287 274 253 253 253 259 254 276 282 285 279 259 274 273 277 281	275 276 278 281 276 278 277 282 272 272 271 286 282 279 276 276 283 288 304 309 315 310 330 335 320	270 267 266 274 273 268 263 265 267 263 265 272 272 272 277 286 300 301 320 305	273 271 271 278 275 273 269 272 270 270 269 274 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUAR	Y	429 370 312 269 285 280 258 267 224 250 258 245 260 254 258 261 241 248 253 259 262	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 233 245 244 250 252 226 241 248 251	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 238 246 251 255 246 255 257	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 283 287 289 292 283 282 276 277 283 285	255 269 266 267 271 267 270 282 267 217 217 217 252 241 244 273 283 248 232 267 271 273 278	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285 279 259 274 274 277 277 281	275 276 278 281 276 277 282 272 272 271 286 282 279 276 283 288 304 309 315 310 330 335 320	270 266 274 273 268 263 265 267 263 264 269 275 272 272 277 286 286 300 301 301 302 305	273 271 271 278 275 273 269 272 270 270 270 274 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 258 245 260 254 258 261 241 248 253 259	312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 2 226 241 248 251	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 257 238 246 251 255	272 273 276 274 274 273 273 309 297 284 272 248 259 264 263 283 287 289 292 283 282 276 277 283 285	255 269 266 267 271 267 269 270 282 267 217 217 247 252 241 244 273 283 248 232 267 272 271 273 278	266 272 269 271 273 271 271 292 287 274 253 253 253 259 254 276 282 285 279 259 274 273 277 281	275 276 278 281 276 278 277 282 272 272 271 286 282 279 276 276 283 288 304 309 315 310 330 335 320	270 267 266 274 273 268 263 265 267 263 265 272 272 272 277 286 300 301 320 305	273 271 271 278 275 273 269 272 270 270 269 274 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29		FEBRUAR	Y	429 370 312 269 285 280 258 267 224 250 258 245 260 254 258 261 241 248 253 259 262 271 265 268	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 226 241 248 251 257 259 260	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 238 246 251 255 246 255 265 265 265	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 283 287 289 292 283 282 276 277 283 285 285 287	255 269 266 267 271 267 270 282 267 217 217 217 252 241 244 273 283 248 232 267 271 273 278 278	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285 279 259 274 274 273 277 281 280 265 267 268	275 276 278 281 276 278 282 277 282 272 271 286 282 279 276 283 288 304 309 315 310 330 335 320	270 266 274 273 268 263 263 265 267 263 264 269 275 272 269 272 277 286 286 300 301 301 302 305	273 271 271 278 275 273 269 272 270 270 270 274 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30		FEBRUAR	Y	429 370 312 269 285 280 258 267 257 224 250 258 245 260 254 258 261 241 248 253 259 262 271 265 268 274	312 312 233 242 268 194 241 252 183 180 224 250 233 245 244 250 252 226 241 252 252 242 252 253 253 253 253 253 263 263 263 263 263 263 263 263 263 26	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 238 246 251 252 257 238 246 261 261 275 287 287 287 287 287 287 287 287	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 283 287 289 292 283 287 277 283 285 276 277 283 276 274 277 283 277 283 277 283 277 284 277 287 287 287 287 287 287 287 287 287	255 269 266 267 271 267 269 270 282 267 217 217 252 241 244 273 283 248 232 267 272 271 273 278 276 270 271 271 272 271 273 273 278	266 272 269 271 273 271 271 292 287 274 253 236 253 259 254 276 282 279 259 274 273 277 281 280 265 267 268 268	275 276 278 281 277 282 277 282 272 272 271 286 282 279 276 283 288 304 309 315 320 318 270 305 309 315	270 267 266 274 273 268 263 265 267 263 264 269 275 272 272 272 272 272 272 272 273 286 301 301 301 301 305	273 271 271 278 275 273 269 270 270 270 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314 236 290 305 310
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29		FEBRUAR	Y	429 370 312 269 285 280 258 267 224 250 258 245 260 254 258 261 241 248 253 259 262 271 265 268	MARCH 312 312 233 242 268 194 241 252 183 180 224 250 239 233 245 244 250 252 226 241 248 251 257 259 260	380 338 245 257 275 215 249 261 232 197 240 255 247 239 252 251 252 257 238 246 251 255 246 255 265 265 265	272 273 276 274 274 273 273 273 297 284 272 248 259 264 263 283 287 289 292 283 282 276 277 283 285 285 287	255 269 266 267 271 267 270 282 267 217 217 217 252 241 244 273 283 248 232 267 271 273 278 278	266 272 269 271 273 271 271 292 287 274 253 253 259 254 276 282 285 279 259 274 274 273 277 281 280 265 267 268	275 276 278 281 276 278 282 277 282 272 271 286 282 279 276 283 288 304 309 315 310 330 335 320	270 266 274 273 268 263 263 265 267 263 264 269 275 272 269 272 277 286 286 300 301 301 302 305	273 271 271 278 275 273 269 272 270 270 270 274 279 274 279 276 272 274 279 283 294 301 307 305 318 329 314

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

SPECIFIC CONDUCTANCE, MICROSIEMENS PER CENTIMETER AT 25° CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST		S	EPTEMBE	R
1 2 3 4 5	307 281 294 294 213	228 236 281 152 172	276 259 289 222 194	266 268 267 266 268	263 263 251 255 264	264 265 261 262 266	300 307 292 235 242	295 282 235 186 195	297 295 285 201 224	284 288 265 271 255	247 237 237 223 215	268 268 251 258 234
6 7 8 9 10	238 242 228 242 248	213 208 193 228 242	229 235 209 237 244	266 270 270 273 276	262 260 256 261 271	265 265 262 267 273	252 277 281 279 242	217 252 274 236 128	229 268 277 267 166	272 291 297 304 305	255 272 291 293 302	264 282 294 299 303
11 12 13 14 15	254 264 267 277 238	246 252 252 192 213	250 259 258 212 225	282 281 280 276 280	272 273 265 264 276	277 276 273 272 278	232 246 268 273 279	168 232 243 268 273	208 239 257 271 276	310 311 313 274 241	302 306 274 210 84	306 309 302 228 134
16 17 18 19 20	253 257 262 264 270	238 252 240 239 101	246 254 253 252 218	284 286 288 290 290	276 281 284 285 285	279 283 286 287 289	286 288 287 290 291	279 284 283 280 283	282 286 285 286 288	221 242 253 	119 221 241 	180 235 245
21 22 23 24 25	172 215 242	100 172 236	126 197 240	290 289 292 283 289	286 287 276 263 275	288 288 287 272 283	295 300 298 296 298	291 295 291 293 293	293 298 295 295 295	264 267 257 226 241	248 257 138 162 226	258 262 202 191 234
26 27 28 29 30 31	250 261 263 265 266	242 249 260 262 263	245 258 262 264 264	293 294 296 297 295 297	289 292 293 293 292 287	291 293 294 295 293 292	302 296 304 307 311 247	291 286 294 298 219 220	298 290 298 302 293 233	249 252 251 249 257	241 245 225 224 249	246 250 235 240 254
MONTH	307	100	238	297	251	278	311	128	270	313	84	251

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN I	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		OCTOBER		N	OVEMBER	t	:	DECEMBE	R		JANUAR	Y
1 2 3 4 5	8.0 8.1 8.3 7.6 7.8	7.4 7.4 7.4 7.3 7.3	7.5 7.5 7.6 7.4 7.3	7.3 7.3 7.4 7.4 7.4	7.1 7.2 7.3 7.3 7.3	7.2 7.3 7.3 7.3 7.3	7.2 7.2 	7.1 7.1 	7.1 7.1 	 		
6 7 8 9 10	8.0 8.2 8.3 8.2 7.7	7.3 7.4 7.4 7.5 7.5	7.4 7.5 7.6 7.6 7.5	7.3 7.2 7.3 7.2 7.3	7.2 7.2 7.2 7.1 7.1	7.3 7.2 7.2 7.2 7.2	 	 	 	 		
11 12 13 14 15	7.5 7.2 7.2 7.3 7.5	7.1 7.1 7.2 7.2 7.3	7.4 7.2 7.2 7.3 7.4	7.2 7.1 7.0 7.0 7.0	7.0 6.9 7.0 7.0	7.0 7.0 7.0 7.0 7.0	 		 	 		
16 17 18 19 20	7.5 7.4 7.4 7.4 7.5	7.4 7.2 7.3 7.3	7.4 7.3 7.3 7.4 7.4	7.0 7.0 7.2 7.1 7.1	7.0 6.9 7.0 7.1 7.1	7.0 7.0 7.0 7.1 7.1	 		 	 		
21 22 23 24 25	7.4 7.5 7.6 7.6	7.3 7.3 7.3 7.4 7.4	7.4 7.4 7.4 7.4 7.4	7.1 7.1 7.1 7.0 7.0	7.1 7.1 7.0 7.0 7.0	7.1 7.1 7.0 7.0 7.0	 		 	 		
26 27 28 29 30 31	7.4 7.4 7.4 7.5 7.4 7.3	7.3 7.2 7.2 7.2 7.3 7.2	7.4 7.3 7.3 7.3 7.4 7.3	7.0 7.1 7.1 7.1 7.1	7.0 7.0 7.1 7.0 7.0	7.0 7.0 7.1 7.0 7.1	 	 	 	 	 	
MAX MIN	8.3 7.2	7.5 7.1	7.6 7.2	7.4 7.0	7.3 6.9	7.3 7.0	7.2 7.2	7.1 7.1	7.1 7.1			

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

PH, WATER, WHOLE, FIELD, STANDARD UNITS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
		FEBRUA	RY		MARCH			APRIL			MAY	
1 2				7.7 7.7	7.7 7.6	7.7 7.7	8.5 8.9	7.8 7.7	8.2 8.2	8.7 8.7	7.6 7.5	8.2 8.2
3				7.6 7.6	7.5 7.5	7.5 7.6	9.0 8.9	7.7 7.7	8.6 8.0	8.6 8.4	7.5 7.5	8.0 7.9
5				7.6	7.6	7.6	8.2	7.7	7.8	8.4	7.5	7.9
6				7.6	7.4	7.5	8.9	7.6	8.0	7.9	7.5	7.7
7 8				7.5 7.6	7.4 7.5	7.5 7.5	8.9 8.2	7.6 7.6	8.2 7.9	8.4 7.8	7.4 7.3	7.7 7.4
9 10				7.5 7.6	7.5 7.4	7.5 7.4	8.4 8.8	7.6 7.6	8.0 8.0	7.4 7.7	7.3 7.3	$7.4 \\ 7.4$
11				7.6	7.6	7.6	8.7	7.5	7.6	7.5	7.3	7.4
12 13				7.6 7.6	7.5 7.5	7.6 7.5	7.7 8.2	7.4	7.5 7.6	7.5 7.5	7.3 7.3	7.4 7.4
14				7.5	7.4	7.5	8.5	7.5	8.0	7.5	7.3	7.4
15							8.8	7.5	8.2	7.5	7.3	7.4
16 17				7.7 7.7	7.5 7.4	7.6 7.6	9.0 8.9	7.6 7.7	8.4 8.4	7.4 7.4	7.3 7.3	7.3 7.3
18 19				7.7 7.8	7.4 7.4	7.5 7.6	8.5 8.8	7.6	7.9 7.9	7.3 7.3	7.2	7.3
20				7.0			8.8	7.6 7.7	8.6	7.3	7.2 7.2	7.3 7.2
21				===	=		9.0	7.7	8.7	7.4	7.2	7.3
22 23				7.7 7.8	7.4 7.5	7.5 7.6	8.9 8.9	7.7 7.6	8.3 8.1	7.4 7.4	7.4 7.3	7.4 7.3
24 25				8.0 8.5	7.5 7.6	7.7 7.8	9.0 9.0	7.8 7.8	8.7 8.6	7.3 7.3	7.3 7.2	7.3 7.3
26						7.9	8.7		7.8			7.2
27				8.3	7.6 7.6	7.9	8.8	7.6 7.5	7.8	7.3 7.1	7.1 7.1	7.1
28 29				8.7 8.7	7.6 7.6	8.2 8.2	8.8 8.7	7.6 7.6	8.2 8.1	7.2 7.2	7.1 7.2	7.2 7.2
30 31				8.3 8.7	7.6 7.6	7.9 8.0	8.8	7.6	8.1	7.2 7.2	7.2 7.2	7.2 7.2
MAX				8.7	7.7	8.2	9.0	7.8	8.7	8.7	7.6	8.2
MIN				7.5	7.4	7.4	7.7	7.4	7.5	7.1	7.1	7.1
DAY	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN	MAX	MIN	MEDIAN
DAY	MAX	MIN JUNE	MEDIAN	MAX	MIN JULY	MEDIAN	MAX	MIN AUGUST	MEDIAN	MAX	MIN SEPTEMB	
1	7.3	JUNE 7.2	7.2	8.3	JULY 7.4	7.7	7.6	AUGUST	7.5	7.5	SEPTEMB 7.3	ER 7.4
1 2 3	7.3 7.2 7.2	JUNE 7.2 7.2 7.2 7.2	7.2 7.2 7.2	8.3 8.5 8.0	JULY 7.4 7.4 7.4	7.7 7.9 7.6	7.6 7.6 7.6	7.4 7.4 7.3	7.5 7.5 7.4	7.5 7.4 7.4	7.3 7.3 7.3	7.4 7.4 7.3
1 2	7.3 7.2	JUNE 7.2 7.2	7.2 7.2	8.3 8.5	JULY 7.4 7.4	7.7 7.9	7.6 7.6	7.4 7.4	7.5 7.5	7.5 7.4	7.3 7.3	ER 7.4 7.4
1 2 3 4	7.3 7.2 7.2 7.3	7.2 7.2 7.2 7.2 7.1	7.2 7.2 7.2 7.2	8.3 8.5 8.0 8.3	7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7	7.6 7.6 7.6 7.3	7.4 7.4 7.3 7.1	7.5 7.5 7.4 7.2	7.5 7.4 7.4 7.4	7.3 7.3 7.3 7.3 7.3	7.4 7.4 7.3 7.4
1 2 3 4 5	7.3 7.2 7.2 7.3 7.4 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4	7.2 7.2 7.2 7.2 7.3 7.4	8.3 8.5 8.0 8.3 8.3	7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3	7.7 7.9 7.6 7.7 7.7 7.6 7.5	7.6 7.6 7.6 7.3 7.3	7.4 7.4 7.3 7.1 7.2 7.2	7.5 7.5 7.4 7.2 7.2 7.2	7.5 7.4 7.4 7.4 7.4 7.6	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.4 7.4 7.3 7.4 7.3 7.4 7.3
1 2 3 4 5 6 7 8 9	7.3 7.2 7.2 7.3 7.4 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7	7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5	7.6 7.6 7.3 7.3 7.4 7.5 7.5	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4	7.5 7.4 7.4 7.4 7.4 7.6 7.7 8.0	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5
1 2 3 4 5 6 7 8 9	7.3 7.2 7.2 7.3 7.4 7.5 7.5 7.4 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.7	7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.5 7.4	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0	7.5 7.5 7.4 7.2 7.3 7.4 7.4 7.4	7.5 7.4 7.4 7.4 7.6 7.7 8.0	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.5
1 2 3 4 5 6 7 8 9 10	7.3 7.2 7.2 7.3 7.4 7.5 7.5 7.5 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4	7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.4	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6	7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.4	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1	7.5 7.4 7.4 7.4 7.4 7.6 7.7 8.0 8.2	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8
1 2 3 4 5 6 7 8 9 10	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.7 7.5	7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.5 7.4 7.4	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1	7.5 7.4 7.4 7.4 7.4 7.6 7.7 8.0 8.2	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8
1 2 3 4 5 6 7 8 9 10	7.3 7.2 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.5	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.7 7.5	7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.7 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.3 7.3 7.4 7.5 7.5 7.4 7.2 7.3	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1 7.2 7.3	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.9	7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8 8.0 8.0 7.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3	7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.5 7.4 7.5	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.2 7.3 7.4 7.5 7.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5	7.5 7.4 7.4 7.4 7.7 8.0 8.2 8.4 8.2 7.6 7.6 7.4	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.6 7.7 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0
1 2 3 4 5 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.5 7.6 7.6 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.5	7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.5 7.4 7.5 7.5 7.5	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.7 7.5 7.6 7.6 7.6 7.7	7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.2 7.3 7.4 7.5 7.5	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1 7.2 7.3 7.3 7.4 7.5 7.5	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.9 7.6 7.7	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.7 7.6 7.7 7.6 7.7 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8 8.0 7.7 7.4 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.5 7.6 7.5 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.4 7.5 7.5	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.2 7.3 7.4 7.5 7.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.3 7.0 7.1 7.2 7.3 7.0	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1 7.2 7.3 7.3 7.3 7.5	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.9 7.6 7.4	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.6 7.7 7.6	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 7.7 7.4 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.5 7.5 7.6 7.5 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3	7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.6	8.3 8.5 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8.0 8.3	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5 7.5 7.5	7.5 7.5 7.4 7.2 7.3 7.4 7.4 7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.6 7.7	7.5 7.4 7.4 7.4 7.7 7.7 8.0 8.2 8.4 8.2 7.9 7.6 7.4 7.0 7.1	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.7 7.6 7.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0 7.0 7.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.65 7.5 7.6 7.65 7.5 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 6.9	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.5	JULY 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.3 7.4 7.5 7.6 7.7 8.0 8.3 8.4	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5 7.5 7.5	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.6 7.6 7.6 7.7 7.8	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.9 7.6 7.4 7.0 7.1	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.7 7.0 7.0 7.0 7.0 7.0 7.0 7.2 7.2	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.5 7.7 7.5 7.7 7.6 7.9 6.9 7.1	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5	8.3 8.5 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.6 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.6 7.5 7.7 7.8 7.9 8.0 8.3 8.4 8.5 8.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.0 7.1 7.5 7.5 7.5 7.5 7.6	7.5 7.5 7.4 7.2 7.3 7.4 7.4 7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 8.1 8.2 8.3	7.5 7.4 7.4 7.4 7.7 8.0 8.2 8.4 8.2 7.6 7.6 7.7 7.1 7.1 7.1 7.1 7.1 7.1 7.5 7.5 7.5	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0 7.0 7.1 7.1 7.2 7.2 7.2
1 2 3 4 4 5 6 7 8 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.5 7.6 7.6 7.5 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.4 7.5 7.4 6.9 7.1	7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.4 7.5 7.4 7.5 7.4 7.5 7.4 7.5 7.4 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	8.3 8.5 8.0 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.6 7.7 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.4 7.2 7.3 7.4 7.5 7.6 7.7 7.8 8.0 8.3 8.4 8.5 8.6 8.8	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5 7.5 7.6 7.6 7.7 7.8 7.8	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.4 7.1 7.2 7.3 7.3 7.5 7.6 7.6 7.7 8.1 8.2 8.3	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 7.9 7.6 7.1 7.1 7.2 7.5 7.5 7.4	7.3 7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.7 7.6 7.3 6.9 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8 8.0 7.7 7.4 7.0 7.1 7.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.5 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.4 7.4	8.3 8.5 8.3 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7 7.9 7.7 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.6 7.7 7.8 8.0 8.3 8.4 8.5 8.8 8.8 8.7	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5 7.5 7.5 7.6	7.5 7.5 7.4 7.2 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.6 7.6 7.6 7.7 7.8 7.9 8.1 8.2 8.3 8.4	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.9 7.6 7.4 7.0 7.1 7.1 7.1 7.5 7.5 7.5	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0 7.1 7.1 7.1 7.1 7.1 7.1 7.2 7.2 7.3 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.5 7.3 7.3 7.3 7.3 7.3 7.3 7.3 7.3	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.4 7.4	8.3 8.5 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.79 7.77 7.65 7.55 7.55 7.55 7.55 7.55 7.55	7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.6 7.7 7.8 7.9 8.0 8.3 8.4 8.6 8.8	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.0 7.1 7.3 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.8	7.5 7.5 7.4 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 8.1 8.3 8.4	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.6 7.6 7.6 7.1 7.1 7.1 7.5 7.5 7.5 7.5 7.4 7.4	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.7 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0 7.0 7.1 7.1 7.2 7.2 7.2 7.3 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	7.3 7.2 7.3 7.4 7.5 7.5 7.6 7.5 7.6 7.5 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.5	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.7 7.5 7.4 7.5 7.4 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7 7.7	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.4 7.5 7.5 7.5 7.5 7.4 7.0 7.2 7.4 7.4	8.3 8.5 8.3 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7967.77 7.667.5557.55 7.5555 7.5557.55 7.5555 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.7 7.8 8.0 8.3 8.4 8.5 8.8 8.7 8.8 8.7 8.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.3 7.0 7.1 7.2 7.4 7.4 7.4 7.5 7.5 7.5 7.6 7.6 7.7 7.8 7.9 7.7 7.8	7.5 7.5 7.4 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.6 7.6 7.6 7.7 7.8 7.9 8.1 8.2 8.4 8.4 8.4 8.4 8.2 7.8	7.5 7.4 7.4 7.4 7.6 7.7 8.2 8.4 8.2 7.9 7.6 7.1 7.1 7.2 7.5 7.4 7.5 7.4	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.5 7.6 7.8 8.0 7.7 7.4 7.0 7.1 7.1 7.2 7.2 7.3 7.4 7.4 7.4 7.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 31 31 31 31 31 31 31 31 31 31 31 31	7.3 7.2 7.3 7.4 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.5 7.5 7.5 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.5 7.3 7.3 7.3 7.4 7.5 7.4 6.9 6.9 7.1 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.4 7.4 7.5 7.5 7.5 7.6 7.6	8.3 8.5 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.79.65 7.77.7.7.7.7.55 7.55.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.6 7.7 7.8 8.0 8.3 8.4 8.6 8.8 8.7 8.6 7.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.4 7.3 7.0 7.1 7.2 7.3 7.0 7.1 7.2 7.3 7.4 7.4 7.5 7.5 7.6 7.6 7.7 7.7 7.8 7.8 7.8 7.3 7.3 7.3	7.5 7.5 7.4 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.5 7.6 7.7 7.8 7.9 8.1 8.2 8.3 8.4 8.4 8.4 8.2 7.4	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.6 7.6 7.1 7.1 7.1 7.1 7.5 7.5 7.5 7.5 7.5 7.5	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.5 7.6 7.8 8.0 8.0 7.7 7.4 7.0 7.1 7.2 7.2 7.2 7.2 7.2 7.4 7.4 7.4 7.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 27 28 29 30 20 20 20 20 20 20 20 20 20 20 20 20 20	7.3 7.2 7.3 7.4 7.5 7.5 7.6 7.5 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.5 7.5 7.5 7.5 7.5 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	7.2 7.2 7.2 7.1 7.1 7.4 7.4 7.4 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.5 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.4 7.7 7.7	7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.4 7.5 7.5 7.5 7.5 7.5 7.4 7.4 7.5 7.5 7.5 7.6	8.3 8.5 8.3 8.3 8.3 8.1 7.9 7.7 7.5 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6 7.6	JULY 7.4 7.4 7.4 7.3 7.3 7.3 7.3 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4 7.4	7.7967.77 7.667.5557.55 7.5555 7.5557.55 7.5555 7.5	7.6 7.6 7.6 7.3 7.3 7.4 7.5 7.4 7.5 7.4 7.5 7.7 7.8 8.0 8.3 8.4 8.5 8.8 8.7 8.8 8.7 8.6	7.4 7.4 7.3 7.1 7.2 7.2 7.4 7.3 7.0 7.1 7.2 7.4 7.4 7.4 7.5 7.5 7.5 7.6 7.6 7.7 7.8 7.9 7.7 7.8	7.5 7.5 7.4 7.2 7.3 7.4 7.1 7.2 7.3 7.4 7.5 7.6 7.6 7.6 7.7 7.8 7.9 8.1 8.2 8.4 8.4 8.4 8.4 8.2 7.8	7.5 7.4 7.4 7.4 7.6 7.7 8.0 8.2 8.4 8.2 7.6 7.4 7.6 7.1 7.1 7.1 7.2 7.5 7.5 7.4 7.5 7.5 7.5	7.3 7.3 7.3 7.3 7.3 7.4 7.4 7.6 7.6 7.6 7.7 7.6 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0 7.0	7.4 7.4 7.3 7.4 7.3 7.4 7.5 7.6 7.8 8.0 7.7 7.7 7.0 7.0 7.1 7.1 7.1 7.2 7.2 7.2 7.2 7.3 7.4 7.4 7.5

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		OCTOBER			NOVEMBER			DECEMBER	1		JANUARY	
1 2	20.5	18.0 18.5	19.0 20.0	7.5 7.5	7.0 6.5	7.0 7.0	4.0 2.5	2.5	3.0			
3	23.0	20.0	21.0	6.5	5.5	6.0						
4 5	22.0 23.5	21.0 21.0	21.5 22.0	7.0 7.5	5.5 6.0	6.5 7.0						
6	22.0	19.5	20.5	9.0	7.0	8.0						
7 8	22.0 19.5	19.0 16.5	20.5 18.0	9.0 8.5	7.5 7.0	8.5 7.5						
9 10	17.5 17.0	16.0 16.0	16.5 16.5	9.0 11.5	7.0 8.5	8.0 10.0						
				14.0								
11 12	17.0 17.0	16.0 16.0	16.5 16.5	14.0	11.5 12.5	13.0 13.5						
13 14	17.0 17.0	16.5 15.0	17.0 16.0	12.5 10.5	10.5 9.5	11.5 10.0						
15	15.0	13.0	13.5	10.0	9.0	9.5						
16	13.5	13.0	13.5	10.0 9.5	9.5	9.5						
17 18	13.5 13.0	12.5 12.0	13.0 12.5	8.5	8.0 7.0	8.5 8.0						
19 20	12.5 13.0	11.5 12.0	12.0 12.0	7.0 7.5	6.5 6.5	7.0 7.0						
21	13.0	11.5	12.0	7.5	6.5	7.0						
22	12.0	10.5	11.5	9.0	7.5	8.5						
23 24	12.0 11.5	10.0 10.0	11.0 10.5	8.5 7.0	6.5 6.0	7.5 6.5						
25	10.0	10.0	10.0	7.0	6.0	6.5						
26	12.0	10.0	11.0 11.5	7.5	6.5 5.5	7.0						
27 28	12.0 11.5	11.0 10.5	11.0	7.0 5.5	4.0	7.0 5.0						
29 30	10.5 9.0	9.0 7.5	9.5 8.0	4.0 4.0	3.0 3.0	3.5 3.5						
31	8.0	7.0	7.5									
MONTH	23.5	7.0	14.6	14.0	3.0	7.8	4.0	2.0	2.8			
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX		MEAN	MAX		MEAN	MAX		MEAN	MAX		MEAN
		MIN FEBRUARY	MEAN		MARCH			APRIL			MAY	
1 2		FEBRUARY		4.0 4.5	MARCH 3.5 4.0	4.0 4.5	8.0 11.5	APRIL 6.5 7.0	7.0 9.0	18.0 19.0	MAY 15.5 17.0	16.5 18.0
1 2 3 4		FEBRUARY		4.0	MARCH 3.5	4.0	8.0	APRIL 6.5	7.0	18.0	MAY 15.5	16.5
1 2 3		FEBRUARY		4.0 4.5 4.0	MARCH 3.5 4.0 1.5	4.0 4.5 2.5	8.0 11.5 13.0	APRIL 6.5 7.0 10.5	7.0 9.0 12.0	18.0 19.0 18.5	MAY 15.5 17.0 16.5	16.5 18.0 17.5
1 2 3 4 5		FEBRUARY		4.0 4.5 4.0 3.0 5.0	3.5 4.0 1.5 0.5 3.0	4.0 4.5 2.5 2.0 4.0	8.0 11.5 13.0 12.5 10.0	6.5 7.0 10.5 10.0 9.0	7.0 9.0 12.0 11.0 9.0	18.0 19.0 18.5 17.0 15.0	MAY 15.5 17.0 16.5 15.0 12.5	16.5 18.0 17.5 15.5 13.5
1 2 3 4 5		FEBRUARY		4.0 4.5 4.0 3.0 5.0	3.5 4.0 1.5 0.5 3.0 1.5 1.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0	8.0 11.5 13.0 12.5 10.0	6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5	7.0 9.0 12.0 11.0 9.0 9.0 8.5 6.0	18.0 19.0 18.5 17.0 15.0 13.0 17.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5	16.5 18.0 17.5 15.5 13.5
1 2 3 4 5		FEBRUARY		4.0 4.5 4.0 3.0 5.0	3.5 4.0 1.5 0.5 3.0	4.0 4.5 2.5 2.0 4.0	8.0 11.5 13.0 12.5 10.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5	7.0 9.0 12.0 11.0 9.0 9.0 8.5	18.0 19.0 18.5 17.0 15.0	15.5 17.0 16.5 15.0 12.5	16.5 18.0 17.5 15.5 13.5
1 2 3 4 5 6 7 8		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 5.5 6.5	3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5	8.0 11.5 13.0 12.5 10.0 10.5 6.5 6.5	6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5	7.0 9.0 12.0 11.0 9.0 9.0 8.5 6.0 6.0	18.0 19.0 18.5 17.0 15.0 13.0 17.0 17.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 6.5 5.0	3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0	8.0 11.5 13.0 12.5 10.0 10.5 6.5 7.5	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 6.0 7.0	18.0 19.0 18.5 17.0 15.0 17.0 17.5 17.0 17.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.5 5.5 5.5 7.0 7.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0	4.0 4.5 2.5 2.0 4.0 3.0 4.0 5.5 3.0 4.5 6.0	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 10.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0	18.0 19.0 18.5 17.0 15.0 13.0 17.0 17.5 17.5 17.5 16.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 16.0 14.5 15.5 16.0 14.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0
1 2 3 4 5 6 7 8 9 10		FEBRUARY		4.0 4.5 4.0 3.0 3.0 5.0 5.5 5.5 5.5 7.0 7.0	3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0	8.0 11.5 13.0 12.5 10.0 10.5 6.5 6.5 7.5 7.5 11.5 12.5	6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0	7.0 9.0 12.0 11.0 9.0 9.0 8.5 6.0 7.0 7.0 9.0	18.0 19.0 18.5 17.0 15.0 17.0 17.5 17.0 16.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.5 7.0 7.0 	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 6.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 10.0 11.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5	18.0 19.0 18.5 17.0 15.0 13.0 17.0 17.5 17.5 17.5 16.0 15.0 15.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 16.5 17.0 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 6.5 5.5 7.0 7.0 9.0 10.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0 	8.0 11.5 13.0 12.5 10.0 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 10.0 11.0 14.0 11.5 9.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0	18.0 19.0 18.5 17.0 15.0 13.0 17.0 17.5 17.0 16.0 17.5 16.0 15.0 14.5 13.5 13.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 13.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 16.5 17.0 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 6.5 5.5 7.0 7.0 7.0 7.0 7.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 6.0 8.5	4.0 4.5 2.5 2.0 4.0 3.0 4.0 5.5 3.0 4.5 6.0 6.0	8.0 11.5 13.0 12.5 10.0 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 10.0 11.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0	18.0 19.0 18.5 17.0 15.0 13.0 17.5 17.0 16.0 17.5 16.0 15.0 15.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 16.5 17.0 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.5 7.0 7.0 7.0 10.0 11.0 10.5	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5	4.0 4.5 2.5 2.0 4.0 3.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 10.0 11.0 14.0 11.5 9.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0	18.0 19.0 18.5 17.0 15.0 13.0 17.0 16.0 17.5 17.5 16.0 15.0 15.0 14.5 13.5 13.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 16.0 14.5 15.5 16.0 14.5 13.5 13.5 13.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 17.0 15.0 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 5.5 7.0 7.0 7.0 7.0 10.0 11.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5 9.0 8.0	4.0 4.5 2.5 2.0 4.0 3.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 6.5 7.5 11.5 12.5 13.0 15.0 17.0 17.0 11.5 12.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 10.0 11.0 14.0 11.5 9.0 9.0 11.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 13.0 15.5 14.0 10.0 10.5 12.5	18.0 19.0 19.0 15.0 15.0 17.0 17.5 17.5 16.0 15.0 15.0 14.5 13.5 13.0 15.0 16.5	15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.0 11.5 12.0	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 15.0 16.5 17.0 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.5 7.0 7.0 10.0 11.0 11.0 11.5	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5 9.0 8.0 9.5 9.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0 17.0 17.0 17.0 14.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 11.0 11.5 9.0 9.0 11.0 12.5 13.0 11.5 10.5	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0 15.5 14.0 10.5 12.5	18.0 19.0 18.5 17.0 15.0 13.0 17.0 16.0 17.5 17.5 16.0 15.0 15.0 14.5 13.5 13.5 13.0 17.0	15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.5 12.5 14.0 14.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 5.5 5.5 6.5 7.0 7.0 7.0 11.0 11.0 11.5 12.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5 9.0 8.0 9.5 9.0 9.5	4.0 4.5 2.5 2.0 4.0 3.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5 10.0 10.5 11.0	8.0 11.5 13.0 12.5 10.0 10.5 6.5 7.5 11.5 12.5 13.0 17.0 17.0 11.5 12.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 10.0 11.5 9.0 9.0 11.0 12.5 13.0 11.5	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 11.5 12.5 14.0 10.5 12.5 12.5 12.0	18.0 19.0 19.0 15.0 17.0 17.0 17.5 17.5 16.0 15.0 15.0 15.0 15.0 14.5 13.5 13.0 15.0 15.0 14.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.6 14.0 14.5 14.0 13.5	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.5 7.0 7.0 10.0 11.0 11.0 11.5 12.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 5.0 6.0 8.5 9.5 9.0 9.5 9.0 9.5	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5 9.5 10.0 10.5 11.0	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0 17.0 17.0 17.0 14.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 11.0 11.5 9.0 9.0 11.0 12.5 13.0 10.5 11.5	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0 15.5 14.0 10.5 12.5	18.0 19.0 18.5 17.0 15.0 13.0 17.5 17.5 17.5 16.0 15.0 15.0 15.0 14.5 13.5 13.5 13.5 14.5 14.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.5 12.0 14.5 14.0 15.0 14.5 14.0	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 6.5 5.0 7.0 7.0 7.0 11.0 11.0 11.5 12.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 5.0 6.0 8.5 9.5 9.0 9.5 9.0 9.5 10.5 10.0 10.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0 9.5 10.0 9.5 10.0 10.5 11.0	8.0 11.5 13.0 12.5 10.0 10.5 6.5 7.5 7.5 11.5 12.5 12.5 12.5 12.5 14.0 14.0 14.0 14.5 13.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 10.0 11.0 14.0 11.5 9.0 9.0 11.0 12.5 13.5 11.5	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 13.0 15.5 14.0 10.5 12.5 12.5 12.5 12.5 12.5 12.5 12.5	18.0 19.0 19.0 15.0 17.0 17.0 17.5 17.5 16.0 15.0 15.0 15.0 15.0 14.5 13.5 13.5 13.4 15.0 15.0 14.5 14.5 14.5 14.5	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.6 14.0 14.5 13.5 12.6 14.0 15.0 14.5 14.0	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 25 26 27		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.0 7.0 7.0 7.0 10.0 11.0 11.0 11.0 11.5 12.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 6.0 8.5 9.5 9.0 9.5 9.0 9.5 10.5	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5 10.0 11.5 11.0	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 6.5 7.5 11.5 12.5 13.0 15.0 17.0 17.0 11.5 12.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 10.0 11.0 14.0 11.5 9.0 9.0 11.0 12.5 13.5 10.5	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 13.0 15.5 14.0 10.5 12.5 12.5 12.5	18.0 19.0 19.0 15.0 15.0 17.0 17.5 17.5 17.5 16.0 15.0 15.0 15.0 14.5 13.5 13.5 13.0 17.0	MAY 15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.0 14.5 15.5 16.0 14.5 13.5 13.5 13.5 12.0 11.5 14.0 14.5 14.0 15.0 14.5 14.0	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 14.5 14.5 14.5 14.5 14.5 14.5 14.5
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29		FEBRUARY		4.0 4.5 4.0 3.0 5.0 5.0 3.5 5.5 5.5 7.0 7.0 10.0 11.0 11.5 12.0 12.0 12.0	MARCH 3.5 4.0 1.5 0.5 3.0 1.5 1.0 3.0 4.5 2.5 2.0 3.0 5.0 5.0 5.0 6.0 8.5 9.5 9.0 9.5 9.0 9.5 10.0 11.0	4.0 4.5 2.5 2.0 4.0 3.0 2.0 4.0 5.5 3.0 4.5 6.0 6.0 7.5 9.5 10.0 9.5 9.5 11.0 11.5 11.0 12.0	8.0 11.5 13.0 12.5 10.0 10.5 10.5 6.5 7.5 7.5 11.5 12.5 13.0 15.0 17.0 17.0 14.5 12.5 14.0 14.0 14.5 13.5 14.0	APRIL 6.5 7.0 10.5 10.0 9.0 7.5 6.5 5.5 6.0 7.0 7.0 10.0 11.0 11.5 9.0 9.0 11.0 12.5 13.0 11.5 13.5 12.5 14.0 15.0	7.0 9.0 12.0 11.0 9.0 8.5 6.0 7.0 7.0 9.0 11.5 11.5 13.0 15.5 14.0 10.5 12.5 12.5 13.5 14.0 13.5 14.5 15.5 15.5	18.0 19.0 18.5 17.0 15.0 13.0 17.5 17.0 16.0 17.5 17.5 16.0 15.0 15.0 14.5 13.5 13.5 14.5 14.5 14.5 14.5 14.5	15.5 17.0 16.5 15.0 12.5 12.0 12.5 16.5 15.0 14.5 15.5 16.0 14.5 13.5 13.5 12.5 12.5 14.0 14.5 13.5 14.0	16.5 18.0 17.5 15.5 13.5 12.0 14.5 17.0 16.0 15.0 14.5 14.5 14.0 13.5 14.5 14.0 14.5 14.0 14.5 14.0 14.5 14.0

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

WATER TEMPERATURE, DEGREES CELSIUS, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		JUNE			JULY			AUGUST			SEPTEMBE	R
1 2 3 4 5	17.0 16.5 16.0 15.0 16.0	15.5 14.0 15.0 13.5 13.5	16.0 15.5 15.5 14.0 14.5	22.0 21.5 21.0 22.0 23.0	20.0 20.0 19.5 19.0 21.0	21.0 20.5 20.0 20.5 22.0	23.0 24.0 24.0 23.5 23.5	22.0 22.0 23.0 23.0 22.5	22.5 23.0 23.5 23.0 23.0	22.0 21.5 20.5 20.0 21.0	21.5 20.5 19.5 20.0 19.5	21.5 21.0 20.0 20.0 20.0
6 7 8 9 10	16.5 16.0 15.5 17.0 18.5	14.5 14.5 15.0 14.5 15.5	15.5 15.0 15.0 15.5 17.0	23.5 23.5 23.5 23.5 23.0	21.5 22.0 22.0 22.0 20.0	22.5 23.0 23.0 23.0 21.5	23.5 23.0 23.5 23.0 23.5	22.0 22.0 21.5 21.5 21.5	22.5 22.5 22.5 22.0 22.5	20.0 20.0 20.5 20.5 20.0	18.5 18.0 18.5 19.5 18.5	19.5 19.0 19.5 20.0 19.0
11 12 13 14 15	18.5 20.5 20.5 21.5 21.0	16.5 17.5 19.0 19.5 20.5	17.5 19.0 20.0 20.5 21.0	21.5 22.0 22.5 22.0 22.5	19.5 20.0 20.5 20.5 20.5	20.5 21.0 21.5 21.5 21.5	23.0 23.5 24.0 24.5 24.5	22.5 22.0 22.5 22.5 22.5	23.0 23.0 23.0 23.5 23.5	20.0 19.5 19.5 21.5 21.5	18.0 18.5 18.5 19.5 21.0	19.0 19.0 19.0 20.5 21.0
16 17 18 19 20	20.5 18.5 18.0 18.5 18.5	18.0 16.5 17.0 17.5 17.5	19.0 17.5 17.5 18.0 18.0	23.5 23.5 23.0 22.0 22.5	21.5 21.5 21.0 20.5 20.5	22.5 22.5 21.5 21.0 21.5	24.0 23.5 23.5 23.5 23.5	22.0 21.5 22.0 21.5 22.0	23.0 22.5 22.5 22.5 22.5	21.0 19.5 17.5 	19.5 17.5 16.0 	20.0 18.0 16.5
21 22 23 24 25	18.0 17.0 20.0	16.5 16.0 17.5	17.0 16.5 19.0	23.5 24.5 24.0 23.5 23.5	21.0 23.0 22.5 22.0 21.5	22.0 23.5 23.0 22.5 22.5	24.5 25.0 24.5 23.5 22.5	22.5 23.5 23.5 21.5 20.5	23.5 24.0 24.0 22.5 21.5	20.0 19.5 20.0 19.5 18.5	19.0 18.5 19.0 17.5 17.0	19.5 19.0 19.5 18.5 17.5
26 27 28 29 30 31	20.5 21.5 21.0 21.5 21.5	18.5 19.5 19.5 19.5 19.5	19.5 20.5 20.5 20.5 21.0	23.5 24.5 24.5 24.0 23.0 23.0	22.0 23.0 23.5 22.5 22.0 21.5	23.0 23.5 24.0 23.0 22.5 22.5	22.5 23.0 24.0 23.5 24.0 23.0	21.0 21.5 22.0 22.5 22.5 21.5	22.0 22.0 23.0 23.0 23.0 22.0	19.5 19.5 19.5 18.5 16.5	18.0 18.5 18.5 16.5 15.0	19.0 19.0 19.0 17.5 15.5
MONTH	21.5	13.5	17.7	24.5	19.0	22.1	25.0	20.5	22.8	22.0	15.0	19.2

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
	OCTOBER			NOVEMBER			DECEMBER			JANUARY		
1 2 3 4 5	10.7 11.1 11.4 8.6 9.8	7.9 7.5 7.1 6.7 6.5	8.8 8.9 8.8 7.5 7.6	11.5 11.8 12.2 12.1 12.0	11.0 11.1 11.3 11.3	11.2 11.4 11.7 11.6 11.4	13.3 13.5 	12.6 13.0 	12.9 13.2 		 	
6 7 8 9 10	10.4 10.9 11.8 11.4 9.7	6.8 7.0 7.3 7.9 7.8	8.1 8.5 9.1 9.2 8.6	11.0 11.0 11.4 11.5	10.2 10.1 10.5 10.3 9.3	10.6 10.5 10.9 10.8 10.2	 	 	 	 	 	
11 12 13 14 15	8.8 9.0 8.8 9.2 10.0	7.7 8.7 8.5 8.5 8.8	8.5 8.9 8.6 8.8 9.4	9.3 8.9 9.7 10.6 11.1	8.0 7.7 8.9 9.7 10.4	8.6 8.2 9.3 10.2 10.7	 		 	 	 	
16 17 18 19 20	9.7 10.1 10.2 10.4 10.5	9.3 9.5 9.7 9.9 9.8	9.5 9.7 9.9 10.1 10.1	11.1 11.5 12.1 12.2 12.3	10.7 10.7 11.3 11.9	10.9 11.3 11.7 12.0 12.1	 		 	 	 	
21 22 23 24 25	10.7 11.1 11.5 11.5	9.8 9.9 10.1 10.2 10.3	10.1 10.4 10.6 10.6	12.3 11.7 12.0 12.5 12.6	11.7 11.2 11.2 12.0 12.2	12.0 11.4 11.7 12.2 12.4	 		 	 	 	
26 27 28 29 30 31	10.6 10.8 11.1 11.6 11.2	10.0 9.8 9.9 10.2 10.7 11.1	10.4 10.2 10.4 10.8 11.0	12.5 12.5 13.0 13.2 13.1	12.0 11.9 12.4 12.8 12.6	12.2 12.2 12.7 13.0 12.9	 	 		 	 	
MONTH	11.8	6.5	9.5	13.2	7.7	11.3	13.5	12.6	13.1			

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

OXYGEN, DISSOLVED (MG/L), WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
		FEBRUAR	Y		MARCH			APRIL			MAY	
1 2 3				12.8 12.6 13.4	12.6 12.2 12.2	12.7 12.4 13.0	13.7 13.6 13.1	11.3 11.3 9.7	12.5 12.4 11.4	12.2 12.3 12.4	8.4 8.2 8.4	10.0 10.2 10.4
4 5				13.7 12.8	12.8	13.4	11.6 12.6	9.5 10.3	10.6	12.7 11.9	9.1	10.9
6 7 8				13.1 13.6 12.7	11.8 12.7 12.0	12.4 13.2 12.5	13.7 12.9 13.7	10.9 10.6 11.8	12.3 11.8 12.7	11.3 11.5 8.9	9.5 8.7 7.4	10.4 9.9 8.1
9 10				12.0 12.9	11.3 11.5	11.7 12.6	14.0 14.5	12.0 11.8	13.0 13.1	8.8 10.4	7.7 8.4	8.3 9.2
11 12				13.3 12.8	12.7 12.0	13.0 12.5	13.0 11.5	11.3 10.7	11.6 11.3	9.5	8.4	8.9
13 14				12.1 12.4	11.3 11.3	11.8 12.0	12.5 13.0	10.1 10.1	11.2 11.5			
15							13.0	9.9	11.3			
16 17				11.8 11.2	10.9 10.6	11.5 10.8	12.8 12.5	8.9 8.6	10.8 10.6			
18 19				11.1 11.6	10.1	10.6	12.7 14.0	10.6 11.0	11.6 12.3			
20							13.7	10.2	11.9			
21 22				11.1	10.4	10.8	13.1 11.8	9.4 9.2	11.3 10.5			
23 24				11.3 11.6	10.3 10.3	10.8 10.9	13.5 13.7	9.3 10.1	11.3 11.9			
25				11.8	10.2	11.0	14.0	9.6	11.7			
26 27				11.9 12.4	9.9 10.0	10.8 11.1	11.0 12.9	9.0 9.2	10 10.9			
28 29				12.6 12.1	10.1 9.9	11.3 10.9	12.6 11.7	8.8 8.4	10.5 10.1	10.1	9.3	9.8
30 31				11.7	9.3	10.5	12.4	8.8	10.5	9.7	8.8	9.3
MONTH				13.5 13.7	10.9 9.3	12.1	14.5	8.4	11.5	9.3	8.6 7.4	8.9 9.7
DAY	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	MIN	MEAN
DAY	MAX	MIN JUNE	MEAN		MIN JULY	MEAN	MAX	MIN AUGUST	MEAN		MIN S EPTEMBE	
DAY 1 2	MAX 9.6 10.1		MEAN 9.3 9.7	MAX 10.6 11.0	JULY 8.5	MEAN 9.4 9.6	MAX 9.1 9.1		8.3			8.2
1 2 3	9.6 10.1 9.7	JUNE 8.8 9.4 9.3	9.3 9.7 9.5	10.6 11.0 9.7	JULY 8.5 8.3 8.3	9.4 9.6 8.9	9.1 9.1 8.6	7.9 7.8 7.6	8.3 8.3 8.0	9.0 8.3 8.9	7.5 8.0 8.2	8.2 8.2 8.5
1 2	9.6 10.1	JUNE 8.8 9.4	9.3 9.7	10.6 11.0	JULY 8.5 8.3	9.4 9.6	9.1 9.1	AUGUST 7.9 7.8	8.3 8.3	9.0 8.3	7.5 8.0	8.2 8.2
1 2 3 4 5	9.6 10.1 9.7 9.9 9.5	3.8 9.4 9.3 9.2 9.0	9.3 9.7 9.5 9.6 9.3	10.6 11.0 9.7 11.0 10.8	8.5 8.3 8.3 8.6 8.1	9.4 9.6 8.9 9.6 9.2	9.1 9.1 8.6 7.9 8.0	7.9 7.8 7.6 7.4 7.5	8.3 8.3 8.0 7.6 7.7	9.0 8.3 8.9 8.6 8.6	7.5 8.0 8.2 8.3 8.2	8.2 8.2 8.5 8.4 8.4
1 2 3 4 5	9.6 10.1 9.7 9.9 9.5	8.8 9.4 9.3 9.2 9.0	9.3 9.7 9.5 9.6 9.3	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7	8.5 8.3 8.3 8.6 8.1 7.9 7.7 7.6	9.4 9.6 8.9 9.6 9.2 9.0 8.7 8.5	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6	7.9 7.8 7.6 7.4 7.5	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8	7.5 8.0 8.2 8.3 8.2 8.4 8.2	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.0
1 2 3 4 5	9.6 10.1 9.7 9.9 9.5	3.8 9.4 9.3 9.2 9.0	9.3 9.7 9.5 9.6 9.3	10.6 11.0 9.7 11.0 10.8	### Support ### Su	9.4 9.6 8.9 9.6 9.2 9.0 8.7	9.1 9.1 8.6 7.9 8.0 8.3 8.4	7.9 7.8 7.6 7.4 7.5	8.3 8.3 8.0 7.6 7.7 7.9 8.0	9.0 8.3 8.9 8.6 8.6	7.5 8.0 8.2 8.3 8.2 8.2	8.2 8.2 8.5 8.4 8.4
1 2 3 4 5 6 7 8 9 10	9.6 10.1 9.7 9.9 9.5 9.3 9.2	8.8 9.4 9.3 9.2 9.0 8.9 8.7	9.3 9.7 9.5 9.6 9.3 9.1 9.0	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7	## 8.5 8.5 8.3 8.6 8.1 7.9 7.7 7.6 7.7 7.8 8.4	9.4 9.6 8.9 9.6 9.2 9.0 8.7 8.5 8.3	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.2 8.3 8.1	8.2 8.2 8.5 8.4 8.4 9.0 9.1 9.1
1 2 3 4 5 6 7 8 9 10	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9	8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7	## 8.5 8.3 8.3 8.6 8.1 7.9 7.7 7.6 7.7 7.8 8.4 8.2 8.2	9.4 9.6 8.9 9.6 9.2 9.0 8.7 8.5 8.3 8.8 8.7	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.6 7.8	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.3	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3 7.5 7.6 7.5	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.2 8.4 8.2 8.3 8.1 8.1 8.1	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.0 9.1 9.1
1 2 3 4 5 6 7 8 9 10	9.6 10.1 9.7 9.9 9.5 9.3 9.2 	8.8 9.4 9.3 9.2 9.0 8.7 7.8	9.3 9.7 9.5 9.6 9.3 9.1 9.0	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7	3ULY 8.5 8.3 8.3 8.6 8.1 7.9 7.7 7.6 7.7 7.8 8.4 8.2	9.4 9.6 8.9 9.6 9.2 9.0 8.7 8.5 8.3	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.2 8.1 8.1	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.0 9.1
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8	8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.6 7.6	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7	## 8.5 8.3 8.6 8.1 7.9 7.7 7.8 8.4 8.2 8.1 8.3 8.6	9.4 9.6 9.6 9.2 9.0 8.7 8.5 8.3 8.7 8.7 8.7 8.9	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 7.8 7.8 7.9 8.4	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6	8.3 8.3 8.0 7.6 7.7 7.9 8.0 7.3 7.5 7.6 7.7	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.2 8.4 8.2 8.4 8.1 8.1 8.0 7.8 7.3	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.1 9.1 9.3 8.9 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8 8.7 9.2 8.9	8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.8 8.5 8.8	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8 7.6 7.6 8.4 8.9 8.8	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7	## 8.5 8.3 8.3 8.6 8.1 7.9 7.7 7.6 7.7 7.8 8.4 8.2 8.1 8.3 8.0 8.0 8.0	9.4 9.6 8.9 9.2 9.0 8.7 8.5 8.3 8.7 8.7 8.9 8.7 8.9	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.8 7.8 7.8 7.8 8.4 8.2 8.2	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 7.9	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3 7.5 7.5 7.6 7.9 8.3 8.4	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.2 8.3 8.1	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.0 9.1 9.1 9.3 8.9 8.4 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8 7.8	8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8 7.6 7.6	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.4 9.5 9.7	## 8.5 8.3 8.6 8.1 7.9 7.7 7.6 7.7 7.8 8.4 8.2 8.2 8.1 8.3	9.4 9.6 9.6 9.2 9.0 8.7 8.5 8.3 8.7 8.7 8.9	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.6 7.8 7.8 7.8 8.4	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3 7.5 7.6 7.7 7.9	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.1 8.1 8.0 7.8 7.8	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 8.4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.8 7.8 8.7 9.2 8.7 9.0 8.7	## 8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4 7.8 8.5 8.7 7.0 6.9	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.6 7.6 8.4 8.9 8.8 8.8 8.3 7.3	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.4 9.5 9.7	## 8.5 ## 8.3 ## 8.6 ## 8.1 ## 7.9 ## 7.7 ## 7.6 ## 7.7 ## 7.8 ## 8.2 ## 8.2 ## 8.3 ## 8.0	9.4 9.6 9.6 9.6 9.2 9.7 8.5 8.3 8.7 7 8.7 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.3 8.1 7.6 7.8 7.9 8.4 8.2 8.8 9.4 9.8	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 8.0 7.9	8.3 8.3 8.0 7.6 7.7 7.9 8.0 7.3 7.5 7.6 7.9 7.9 8.4 8.8 9.0	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3	7.5 8.0 8.2 8.3 8.2 8.2 8.4 8.2 8.3 8.1 8.1 8.0 7.8 7.3	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8 7.8 8.7 9.0 8.7	8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4 7.8 8.5 8.8 8.7 7.0 6.9 8.2	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8 7.6 7.6 8.4 8.9 8.8 8.8 8.3	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.7 9.8 9.9 9.3 9.3	## STATE ## STA	9.4 9.6 9.6 8.9 9.2 9.0 8.7 8.5 8.3 8.7 8.7 8.7 8.6 8.6 8.6 8.6 8.7 7.7	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.8 7.8 7.9 8.4 8.2 8.8 9.0 9.4 9.8	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 8.0 7.9	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3 7.6 7.5 7.9 7.9 8.4 8.8 9.0 9.0 9.0	9.0 8.3 8.9 8.6 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9 	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.2 8.3 8.1 8.1 8.0 7.8 7.3 	8.2 8.2 8.5 8.4 8.4 8.6 8.9 9.0 9.1 9.1 9.3 8.9 8.4 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.8 7.8 7.8 8.7 9.2 8.9 9.0 8.7	## 8.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.8 8.5 8.8 8.7 7.0 6.9 8.2	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.6 7.6 8.4 8.9 8.8 8.3 7.3 8.8	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.5 9.7	## STATE ## STA	9.4 9.6 9.6 9.6 9.2 9.7 8.5 8.3 8.7 7 8.7 8.9 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.6 7.8 7.9 8.4 8.2 8.8 9.0 9.4 9.8	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 8.0 7.9	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.2 8.0 7.3 7.66 7.56 7.9 7.9 8.3 8.4 8.8 9.0	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.1 8.1 8.0 7.8 7.3	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 8.4 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.8 7.8 8.7 9.2 8.9 9.0 8.7 8.2 9.0	## ST	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.6 7.6 8.4 8.9 8.8 8.3 7.3 8.8 8.3	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.3 9.3 9.3 9.3 9.3	## 8.5 ## 8.3 ## 8.6 ## 8.1 ## 7.9 ## 7.7 ## 7.8 ## 8.2 ## 8.2 ## 8.3 ## 8.0 ## 8.0 ## 8.0 ## 8.0 ## 8.0 ## 7.4 ## 7.5 ## 7.6 ## 7.6 ## 7.6 ## 7.6 ## 7.6 ## 7.6 ## 7.6	9.4 9.6 9.6 9.6 9.2 9.0 8.5 8.3 8.7 8.7 8.6 8.6 8.6 8.6 8.6 7.9 7.9 8.1 8.2	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.3 8.1 7.6 7.8 7.9 8.4 8.2 8.8 9.4 9.8 10.3 10.4 11.5 12.2	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.6 7.9 8.0 7.9 8.0 7.9 8.0 8.4	8.3 8.3 8.0 7.6 7.7 7.9 8.0 7.3 7.5 7.6 7.9 7.9 8.3 8.4 8.8 9.0 9.0 9.0 9.6 10.1	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9 	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.3 8.1 8.1 8.1 8.0 7.3 	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 7.6
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8 7.8 8.7 9.2 8.9 9.0 8.7	3.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4 7.8 8.5 8.8 8.7 7.0 6.9 8.7 8.5 8.8	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8 7.6 7.6 8.8 8.8 8.8 8.3	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	## 8.5 8.3 8.6 8.1 7.9 7.7 7.8 8.4 8.2 8.1 8.3 8.0 8.0 8.0 8.0 8.0 8.0 7.5 7.6 7.5 7.6 7.7	9.46999.2 9.75558.8.87779.1 2.07.8 8.207.8	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.6 7.8 7.8 7.9 8.4 8.2 8.8 9.0 9.4 9.8 10.3 10.6 11.5 12.2	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 8.0 7.9 8.0 7.8 8.0 8.4 8.2 7.7	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.0 7.5 7.6 7.5 7.6 7.9 7.9 8.4 8.6 8.8 9.0 9.0 9.0 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9 8.6 8.7 9.0 8.9 8.9	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.3 8.1 8.1 8.0 7.8 7.3 	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 8.4 7.6 7.9 8.4 8.8
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.8 7.8 8.7 9.2 8.7 9.0 8.7 9.2 9.0 8.7 9.2	3.8	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.6 7.6 8.4 8.8 8.8 8.3 7.3 8.8 8.8 9.0 8.9 8.6 8.6 8.9	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.3 9.3 9.3 9.3 9.3 9.3 9.3	## 8.5 ## 8.5 ## 8.3 ## 8.6 ## 8.1 ## 7.9 ## 7.7 ## 7.8 ## 8.2 ## 8.2 ## 8.3 ## 8.0 ## 8.0 ## 8.0 ## 8.0 ## 7.4 ## 7.5 ## 7.5 ## 7.5 ## 7.5 ## 7.5 ## 7.5 ## 7.5	9.4 9.6 9.6 9.6 9.6 9.0 9.7 8.5 8.7 8.7 8.7 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6 8.6	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.3 8.1 7.6 7.8 7.9 8.4 8.2 8.8 9.4 9.8 10.3 10.4 11.5 12.2 12.3 11.8 12.4 11.8	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.6 7.9 8.0 7.9 8.0 7.9 8.0 7.7 7.6	8.3 8.3 8.0 7.6 7.7 7.9 8.0 7.3 7.5 7.6 7.9 7.9 8.3 8.4 8.6 8.8 9.0 9.0 9.0 9.6 10.1 9.5 9.5 9.3	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9 8.6 8.7 9.0 8.8 8.7 9.0	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.3 8.1 8.1 8.1 8.0 7.3 7.5 8.6 8.4 8.4 8.6	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 47.6 7.9 8.4 8.8 8.7 8.7 8.7
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	9.6 10.1 9.7 9.9 9.5 9.3 9.2 8.4 7.9 7.8 7.8 7.8 8.7 9.2 8.9 9.0 8.7	3.8 9.4 9.3 9.2 9.0 8.9 8.7 7.8 7.6 7.4 7.4 7.8 8.5 8.8 8.7 7.0 6.9 8.7 8.5 8.8	9.3 9.7 9.5 9.6 9.3 9.1 9.0 8.1 7.8 7.6 7.6 8.4 8.9 8.8 8.8 8.3 7.3 8.8 8.8 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0 9.0	10.6 11.0 9.7 11.0 10.8 10.3 10.0 9.7 9.6 8.7 9.4 9.4 9.5 9.7 9.6 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3 9.3	## 8.5 8.3 8.6 8.1 7.9 7.7 7.8 8.4 8.2 8.1 8.3 8.0 8.0 8.0 8.0 8.0 8.0 7.5 7.6 7.5 7.6 7.7	9.46999.2 9.75558.8.87779.1 2.07.8 8.207.8	9.1 9.1 8.6 7.9 8.0 8.3 8.4 8.6 8.3 8.1 7.6 7.8 7.8 7.9 8.4 8.2 8.8 9.0 9.4 9.8 10.3 10.6 11.5 12.2	7.9 7.8 7.6 7.4 7.5 7.7 7.8 8.0 7.8 6.8 7.3 7.4 7.3 7.4 7.6 7.9 8.0 7.9 8.0 7.8 8.0 8.4 8.2 7.7	8.3 8.3 8.0 7.6 7.7 7.9 8.0 8.0 7.5 7.6 7.5 7.6 7.9 7.9 8.4 8.6 8.8 9.0 9.0 9.0 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1 9.1	9.0 8.3 8.9 8.6 8.6 9.2 9.7 9.8 10.1 10.3 10.7 10.0 9.2 7.9 8.6 8.7 9.0 8.9 8.9	7.5 8.0 8.2 8.3 8.2 8.4 8.2 8.4 8.3 8.1 8.1 8.0 7.8 7.3 7.0 7.5 8.6	8.2 8.2 8.5 8.4 8.6 8.9 9.1 9.1 9.3 8.9 8.4 7.6 7.9 8.4 8.8

01481000 BRANDYWINE CREEK AT CHADDS FORD, PA--Continued

CROSS-SECTION ANALYSES, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003

Date	Time	Agency col- lecting sample, code (00027)	Agency ana- lyzing sample, code (00028)	Instan- taneous dis- charge, cfs (00061)	Loca- tion in X-sect. looking dwnstrm ft from 1 bank (00009)	Sam- pling depth, feet (00003)	Dis- solved oxygen, mg/L (00300)	pH, water, unfltrd field, std units (00400)	Specif. conduc- tance, wat unf µS/cm 25 degC (00095)	Temper- ature, water, deg C (00010)
MAR 2003										
21	1426	1028	1028	2290	18	3.2	11.5	7.3	206	7.9
21	1427	1028	1028		18	1.0	11.5	7.4	206	7.9
21	1431	1028	1028		38	1.2	11.4	7.4	207	7.9
21	1436	1028	1028		59	2.5	11.4	7.5	207	7.9
21	1440	1028	1028		80	2.0	11.4	7.4	208	7.9
21	1444	1028	1028		100	2.0	11.3	7.4	208	7.9
21	1449	1028	1028		115	5.0	11.3	7.4	209	7.9
21	1450	1028	1028		115	2.0	11.3	7.4	209	7.9
21	1456	1028	1028		130	6.0	11.3	7.4	210	8.0
21	1457	1028	1028		130	2.0	11.3	7.4	210	8.0
21	1500	1028	1028		145	6.0	11.3	7.4	210	8.0
21	1511	1028	1028		180	5.0	11.3	7.3	211	8.0
21	1513	1028	1028		180	2.0	11.3	7.4	211	8.0